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ABSTRACT

In a control apparatus for a hybrid vehicle having an engine and a motor as a driving source, the control apparatus stops fuel supply to the engine by a fuel supply stop device during deceleration, and performs regenerative braking by the motor depending on the deceleration state, wherein the engine is a type of engine capable of executing cylinders deactivated operation for at least one cylinder, and the control apparatus comprises the cylinders deactivated operation execution flag F_ALCS for determining whether it is appropriate for cylinders to enters into the deactivated operation based on the traveling conditions of a vehicle and a variable valve timing mechanism for deactivating the operation of the cylinders of the engine when the cylinders deactivated operation is determined. Furthermore, when the fuel supply to the engine is stopped during deceleration, the cylinder deactivated operation is performed based on the all cylinders deactivated operation execution flag F_ALCS and the variable valve timing system.